

Agenda

Presented by Neil Rosen AIA, LEED Fellow, CPHC, CEM

Fossil Fuel Use, New Buildings and Construction

Carbon emissions in building construction and operation

Benefits of phasing out fossil fuel-burning appliances

- Improved air quality
- Reduced carbon emissions
- Occupant comfort

Setting Carbon Limits in New Builds and Gut Renovations

Requirements for various building types

Phase-in of requirements

Exceptions

All-Electric Kitchens

Is natural gas really that good?

All Electric HVAC and Domestic Hot Water Systems

Air cooled heat pumps

VRF systems

HRV/ERV

Geo-thermal exchange

Heat pump hot water

Synergies with Local Laws 84, 87 and 97

LL 84 and 87 – Assessment and commissioning

LL97 – Carbon tax?

Will complying with 84/87 ensure compliance with 97?

Buildings new to compliance - 25,000 to 50,000 SF

Other Methods of Carbon Emission Reduction/Energy Efficiency

Air sealing

Hot water recirculation

Heat pump clothes dryers

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Recordings of this webinar are available for purchase. See course listing online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

New York City's Local Law 154: All-Electric New Buildings

Live, Interactive Webinar - Friday, June 10, 2022

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PO Box 278
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Learning Objectives

You'll be able to:

Identify the multiple benefits of phasing out fossil fuel-burning appliances.

Examine carbon limits for new buildings and gut renovations, and review exceptions.

Meet requirements for all-electric kitchens.

Use a variety of HVAC systems and equipment to meet requirements for all-electric HVAC systems.

Explore synergies with other NYC Local Laws that promote energy efficiency and carbon reduction.

Evaluate additional methods of reducing carbon emissions and improving energy efficiency.



HalfMoon Education Live Webinars

New York City's Local Law 154: All-Electric New Buildings

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Discuss the climate and other benefits of phasing out fossil fuel-burning appliances

Meet requirements for electric HVAC and domestic hot water systems

Explore carbon limits for new buildings and renovations

Identify synergies with Local Laws 84, 87 and 97

Comply with requirements for all-electric kitchens

Consider additional methods of carbon emission reduction

Continuing Education Credits

Professional Engineers

6.5 PDHs

International Code Council

.65 CEUs (Electrical)

Architects

6.5 HSW CE Hours

6.5 AIA LU | HSW

Certified Planners

CM | 6.5



Faculty

Neil Rosen AIA, LEED Fellow, CPHC, CEM founded Grin Sustainability in 2013. Grin Sustainability is a full-service consulting firm specializing in the sustainable built environment. Collaborating with building owners in pursuit of green building certifications, sustainable design facilitation and high-performance building training. Mr. Rosen is a New York State registered architect, LEED Fellow, certified energy manager, certified Passive House consultant, and certified healthcare facilities manager with over 35 years’ experience in the design, construction, and operation of healthcare facilities. His undergraduate degree and master’s degrees were earned at The New York Institute of Technology in Architecture and Energy Management, respectively. Mr. Rosen is the immediate past vice chairman of the Indoor Environmental Quality Technical Advisory Group for USGBC National, and he is a past chairman of the Water Efficiency Technical Advisory Group. Locally, he serves as a board member for the USGBC-LI Chapter, as well as being a past board member for the AIA-Long Island Chapter, where he chaired the Sustainable Design Committee. Mr. Rosen is an adjunct professor in the School of Architecture and Design at the New York Institute of Technology, currently instructing students in Sustainable Design, Building Construction, Building Code, ADA, and Environmental Systems. Working with the Urban Green Council, he is actively training architects, engineers, contractors, and code officials about the new NYC Energy Conservation Code. To date, he has trained more than 2,000 architects and engineers in New York State about the nuances of the current energy code. Formerly, Mr. Rosen served as the Director of Sustainability for Northwell Health, a large non-profit health system in the Greater NYC area. While there he was responsible for initiating and coordinating the System’s Sustainability Initiatives. He successfully led his team to 20 LEED certifications including 3 at the Platinum Level and 4 at the Gold Level.

Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 11:55 am - 12:25 pm EDT
Morning Session 8:30 - 11:55 am EDT	Afternoon Session 12:25 - 3:50 pm EDT

Tuition
\$319 for individual registration
\$289 for two or more registrants from the same company at the same time.
***Included with your registration:** PDF seminar manual.*

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Added Value: Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
(Must attend live webinar to earn live webinar credits)

Additional Learning

New York Local Law 97 Webinar Series

**New York Local Law 97
Building Energy and Emissions Limits**
- Monday, May 23, 2022 | 8:30 am - 12:00 pm EDT

**New York Local Law 97
NYC Energy Conservation Code 2020,
NY Stretch and Energy Efficiency Measures**
- Tuesday, May 24, 2022 | 1:00 - 4:15 pm EDT

**New York Local Law 97
Distributed Energy Resources and Carbon Trading**
- Wednesday, May 25, 2022 | 1:00 - 4:15 pm EDT

Total Series Continuing Education Credits:
Professional Engineers: 9.0 PDHs
Architects: 9.0 HSW CE Hours AIA: 9.0 LU | HSW
International Code Council: .9 CEUs (Energy)
Certified Planners: CM | 9

For more information
and other online learning opportunities visit:
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Continuing Education Credit Information

This course is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to licensed architects in New York. Engineers and architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU | HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Electrical (Preferred Provider No. 1232).

HalfMoon Education Inc. is an approved CM Provider with the American Planning Association. This course is registered for CM | 6.5 for certified planners.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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Registration

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Complete the entire form. Attach duplicates if necessary.	
Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.	
() I need special accommodations. Please contact me.	
Tuition () I will be attending the live webinar. Single Registrant - \$319.00 . Two or more registrants from the same company registering at the same time - \$289.00 each. () I am not attending. Please send me the webinar recording: ☐ Streamable MP4 Video/PDF Manual for \$329.00 . ☐ USB Video/PDF Manual for \$329.00 .	
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